

What is claimed is:

1. A signature system presenting a receiver with signature information of a user, comprising:

5 an input unit inputting the identification information of the user; and

10 an output unit outputting information for generation of the signature information according to the input identification information in a format readable by a bar cord reader.

2. The system according to claim 1, wherein

15 said output unit encrypts and outputs the identification information.

3. The system according to claim 1, wherein

20 said input unit inputs authentication information, which is significant and repeatedly reproducible by the user, as the identification information.

4. The system according to claim 1, wherein

25 said input unit inputs image data of an image of a seal as the identification information.

5. The system according to claim 1, wherein

said output unit outputs program information for generation of illegal use prevention information for protection against an illegal use.

- 5 6. The system according to claim 5, wherein
 said program information contains a
one-directional function, and is used in generating blind
information of use information using the one-directional
function, and generating the illegal use prevention
10 information containing the blind information.
- 15 7. The system according to claim 5, wherein
 said program information contains an encryption
key, and is used in generating blind information of use
information using the encryption key, and generating
the illegal use prevention information containing the
blind information.
- 20 8. The system according to claim 5, wherein
 said program information is prepared such that,
after the signature information is generated according
to the information for generation of the signature
information to present the signature information to the
receiver, the program information itself can be removed
25 from memory.

9. A signature system presenting signature information of a user to a receiver, comprising:
- 5 a reading unit reading information in a bar code format; and
- a generation unit generating the signature information according to the read information.
10. The system according to claim 9, wherein
- 10 said generation unit adds illegal use prevention information for protection against an illegal use to the read information, and generates the signature information.
15. 11. The system according to claim 10, wherein
- 15 said reading unit reads program information for generation of the signature information; and
- said generation unit generates the illegal use prevention information according to the program information.
- 20 information.
12. The system according to claim 10, further comprising:
- 25 a timer unit generating date and time information used as the illegal use prevention information.

13. The system according to claim 9, further comprising:

5 a management unit managing blind information of identification information contained in the information in the bar code format; and

10 a comparison unit generating blind information of the identification information from the signature information, and comparing the obtained blind information with blind information managed by said management unit.

14. The system according to claim 13, further comprising

15 an issue unit issuing certification information containing the blind information of the identification information.

15. A signature system, comprising:

20 an input unit through which a user inputs authentication information, which is significant and repeatedly reproducible by the user;

a generation unit generating blind information of the authentication information; and

25 an entry unit entering the blind information in

a device verifying signature information according to the authentication information.

16. The system according to claim 15, wherein
5 said entry unit enters in the device verifying the signature a one-directional function and an encryption key, which are used to generate the blind information and required to authenticate a user.

10 17. The system according to claim 15, wherein
 said input unit and said generation unit are provided in a terminal of the user.

15 18. The system according to claim 15, wherein
 when said user presents the signature information to a receiver for authentication, said user re-enters the authentication information through said input unit; and

20 said generation unit generates the signature information from the re-entered authentication information.

19. The system according to claim 18, further comprising:

25 a generation unit newly generating blind

information from the re-entered authentication information using a one-directional function and an encryption key entered in the device verifying the signature information; and

5 a comparison unit reading blind information entered in the device, and comparing the blind information with the newly generated blind information.

20. The system according to claim 19, further
10 comprising

a deletion unit removing the re-entered authentication information from memory after the newly generated blind information is compared with the blind information entered in the device.

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21. The system according to claim 15, wherein
 said input unit selectively inputs the authentication information from among a plurality of items in an interactive mode with said user.

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22. The system according to claim 21, wherein
 said input unit changes the number of input items of the authentication information depending on a usage of the signature information.

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23. The system according to claim 15, wherein
after entering the blind information, said entry
unit removes the authentication information based on
which the blind information is generated in order to
5 avoid an illegal use by others.
24. A computer-readable storage medium storing a
program used to direct a computer to perform:
10 inputting identification information of a user;
 generating information for generation of
signature information of the user according to the input
identification information; and
 outputting the generated information in a format
readable by a bar code reader.
- 15 25. A computer-readable storage medium storing a
program used to direct a computer to perform:
 reading information in a bar code format; and
 generating signature information of a user based
20 on the read information.
26. A computer-readable storage medium storing a
program used to direct a computer to perform:
 inputting authentication information, which is
25 significant and repeatedly reproducible by a user;

generating blind information of the authentication information; and

entering the blind information in a device verifying signature information according to the authentication information.

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27. A signature system presenting a receiver with signature information of a user, comprising:

10 input means for inputting the identification

information of the user; and

output means for outputting information for generation of the signature information according to the input identification information in a format readable by a bar cord reader.

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28. A signature system presenting signature information of a user to a receiver, comprising:

reading means for reading information in a bar code format; and

20 generation means for generating the signature information according to the read information.

29. A signature system, comprising:

25 input means through which a user inputs authentication information, which is significant and

repeatedly reproducible by the user;
generation means for generating blind information
of the authentication information; and
entry means for entering the blind information in
5 a device verifying signature information according to
the authentication information.